

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of

Hau-Tai Shieh

For: **RIPPLE FRESH CIRCUIT AND  
METHOD FOR SEQUENTIALLY  
REFRESHING A SEMICONDUCTOR  
MEMORY SYSTEM**

Serial No.: 10/812,253

Filed: March 29, 2004

Atty. Docket No.: N1280-00220



) Examiner: Unassigned

) Group Art Unit: 2818

) Confirmation No.: 2744

) **PRELIMINARY AMENDMENT**

MAIL STOP MISSING PARTS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

**PRELIMINARY AMENDMENT AND RESPONSE  
TO NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

Responsive to the Notice to File Missing Parts of Nonprovisional Application dated **June 15, 2004**, enclosed is an executed Combined Declaration and Power of Attorney along with the late filing fee. Further, Applicant respectfully requests that the above-identified application be amended as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper. Claims 13-22 have been renumbered as 12-21.